

June 2014 • Volume 98 (3) • 403–608

Review article

- 403–416 **The diet of adult psittacids: veterinarian and ethological approaches**
F.Péron; C. Grosset

Original articles

- 417–423 **The effect of supplementing leaves of four tannin-rich plant species with polyethylene glycol on digestibility and zootechnical performance of zebu bulls (*Bos indicus*)**
K.Yisehak; J.L. De Boever; G.P.J. Janssens
- 424–430 **Effects of lactulose supplementation on performance, blood profiles, excreta microbial shedding of *Lactobacillus* and *Escherichia coli*, relative organ weight and excreta noxious gas contents in broilers**
J.H. Cho; I.H. Kim
- 431–438 **Utilization of unpeeled cassava (*Manihot esculenta* Crantz) root meal supplemented with or without charcoal by broiler chickens**
A.O. Oso; O. Akapo; K.A. Sanwo; A.M. Bamgbose
- 439–445 **Forage and sugar in dairy calves' starter diet and their interaction on performance, weaning age and rumen fermentation**
H. Beiranvand; G.R. Ghorbani; M. Khorvash; M. Kazemi-Bonchenari
- 446–452 **The effect of palm oil addition to the diet of dairy sheep on the immune response**
A.E. Bianchi; V.P. Macedo; M.M.M.F. Duarte; L.S. Lopes; L.M. Stefani; J. Rosset; V. Klauck; W. Radavelli; R. Pazinato; N.B. Bottari; A.S. Da Silva
- 453–457 **Comparative digestibility of low-quality grass hay by two breeds of cattle differing in mature live weight**
A.L. Lourenço; A. Dias-da-Silva; A.S. Santos; M.A.M. Rodrigues; J.W. Cone; L.M.M. Ferreira
- 458–466 **Effect of dietary potassium and anionic salts on acid–base and mineral status in periparturient cows**
M. Rérat; P. Schlegel
- 467–475 **Induction of immune tolerance to caseins and whey proteins by oral intubation in mouse allergy model**
U.K. Shandilya; R. Kapila; S. Singh; D. Dahiya; S. Kapila; V.K. Kansal
- 476–482 **Effects of inclusion of graded amounts of soya bean hulls on feed intake, chewing activity and nutrient digestibility in dairy cows**
H. Mohammadzadeh; K. Rezayazdi; A. Nikkhah
- 483–490 **Changes in some blood parameters and production performance of old laying hens due to growth hormone and testosterone injection**
H. Mohammadi; Z. Ansari-Pirsaraei
- 491–496 **Feline excretion in domestic cat breeds: a preliminary investigation**
E.A. Hagen-Plantinga; G. Bosch; W.H. Hendriks
- 497–503 **Age-dependent baseline values of faecal cortisol metabolites in the American mink (*Neovison vison*) under semi-natural housing conditions**
E. Rauch; S. Bergmann; A. Hagn; J. Meixensperger; S. Reese; R. Palme; M.H. Erhard
- 504–510 **Effect of feeding fine maize particles on the reticular pH, milk yield and composition of dairy cows**
R. De Nardi; G. Marchesini; A.-L. Stefani; A. Barberio; I. Andrighetto; S. Segato
- 511–516 **Effect of a prebiotic on performance of partridge**
V. Khaksar; T. Veldkamp; H. Hashemipour
- 517–521 **Gene cloning of porcine adiponectin gene from adipose tissue and construction of its eukaryotic expression vector**
J.-J. Luo; H.-W. Song; B. Zhang; L.-L. Li; Y.-G. Chen; Y. Peng; L.-Z. Wu; J.-X. Fan; J.-S. Zhan
- 522–529 **Influence of recombinant duck follistatin protein on embryonic muscle development and gene expressions**
H. Liu; R. Zhang; X. Li; L. Sun; H. Wang; C. Yang; L. Li; J. Wang; F. Xu
- 530–537 **Adiponectin-impaired adipocyte differentiation negatively regulates fat deposition in chicken**
J. Yan; H. Yang; L. Gan; C. Sun
- 538–546 **Comparative effects of using black seed (*Nigella sativa*), cumin seed (*Cuminum cyminum*), probiotic or prebiotic on growth performance, blood haematology and serum biochemistry of broiler chicks**
K. Alimohamadi; K. Taherpour; H.A. Ghasemi; F. Fatahnia
- 547–558 **Turnover of Se in adequately fed chickens using Se-75 as a tracer**
A. Brandt-Kjelsen; E. Govasmark; A. Haug; B. Salbu
- 559–568 **Activity of glutamate dehydrogenase and protein content in the breast of broilers fed diets containing different sources and levels of glycerine**
V.M.P. Bernardino; P.B. Rodrigues; L. de Paula Naves; M.G. Zangeronimo; R.R. Alvarenga; P.V. Rosa; L.M. Santos; L.V. Teixeira
- 569–577 **Growth and physiological responses of growing pigs to wheat–corn distillers dried grains with solubles 1**
D.I. Ayoade; E. Kiarie; B.A. Slominski; C.M. Nyachoti
- 578–586 **Effects of pistachio by-products in replacement of alfalfa hay on populations of rumen bacteria involved in biohydrogenation and fermentative parameters in the rumen of sheep**
M.H. Ghaffari; A.-M. Tahmasbi; M. Khorvash; A.-A. Naserian; A.H. Ghaffari; H. Valizadeh
- 587–595 **Comparison of hydrophobic properties of thoracic duct lymph chylomicrons from rats given different fats or oils by gavage**
K. Kaya; Ö. Işıkçil; T. Güldür
- 596–607 **Effects of high-fat and high-carbohydrate diets on fat and carbohydrate oxidation and plasma metabolites in healthy cats**
M.A. Gooding; E.A. Flickinger; J.L. Atkinson; I.J.H. Duncan; A.K. Shoveller